

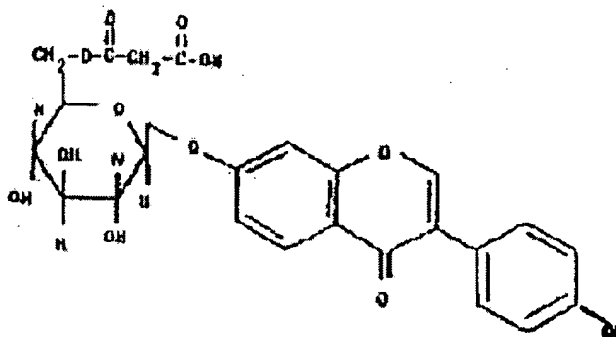
**EPITHELIAL CELL PROLIFERATION PROMOTER**

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**Abstract of JP9059166**

**PROBLEM TO BE SOLVED:** To obtain an epithelial cell proliferation promoter, a skin cosmetic, a hair tonic, a skin preparation for external use, etc., having multiplying effect on epithelial cell, comprising malonylisoflavone glycoside as an active ingredient.

**SOLUTION:** This epithelial cell proliferation promoter comprises malonylisoflavone glycoside as an active ingredient. The glycoside is obtained from soybeans or an extracted solution of soybeans with water and, for example, malonyldaizin etc., are preferably used. The glycoside, for example, is obtained by immersing peeled soybeans in water adjusted to pH7.5 to pH9.0 with caustic soda, etc., at 45-65 deg.C for 2-4 hours, removing the soybeans to give the immersion water as an extracted solution with water, removing protein from the extracted solution by an ultrafilter membrane to give a filtrate, bringing the filtrate into contact with an adsorbent and eluting the glycoside from the adsorbed material by using an aqueous solution of an alcohol or an alkali aqueous solution of an alcohol.



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